

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	847	703/1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 14:49
L2	372	703/7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 14:47
L3	131	706/919.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 14:50
L4	59	706/920.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 14:48
L5	123	3 not 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:17
L10	2	"4831546".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L11	2	"4992953".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L12	53	symmetrica	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L13	2	"5227983".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24

## EAST Search History

L14	2	"6567772".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L15	12	("20010026225"   "5139044"   "5227983"   "5228469"   "5557537"   "5808905"   "6081196"   "6239708"   "6333689"   "6333695"   "6446053").PN. OR ("6567772"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/24 15:24
L16	1	L15 and (swing adj joint)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/24 15:24
L17	483	(swing adj joint)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/24 15:24
L18	3	L17 and (cad)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/24 15:24
L19	2	("239".clas. "137".clas.) and ("703".clas. "700".clas.) and CAD	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/24 15:24
L20	241	"3" and (swing adj joint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L21	53	symmetrica	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L22	2	L21 and (swing adj joint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L23	0	(sprink adj cad)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L24	0	(sprink\$cad)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24

## EAST Search History

L25	5	(autosprink)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L26	0	(sprink\$cad)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L27	5	(autosprink)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L28	483	(swing adj joint)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/24 15:24
L29	3	L28 and (cad)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/24 15:24
L30	0	(sprink adj cad)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L31	53	symmetrica	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L32	241	"3" and (swing adj joint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L33	12	("20010026225"   "5139044"   "5227983"   "5228469"   "5557537"   "5808905"   "6081196"   "6239708"   "6333689"   "6333695"   "6446053").PN. OR ("6567772"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/24 15:24
L34	1	L33 and (swing adj joint)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/24 15:24

## EAST Search History

L35	19	"20030167155".pn. "20040080407".pn. "20040080520".pn. "20040083081".pn. "20040083080".pn. "20040080409".pn. "20040080408".pn. "5227983".pn. "5557537".pn. "5808905".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L36	2	"6567772".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L37	2	("239".clas. "137".clas.) and ("703".clas. "700".clas.) and CAD	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/24 15:24
L38	2	"5227983".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L39	53	symmetrica	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L40	2	"4992953".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L41	2	"4831546".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L42	2	L31 and (swing adj joint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24
L43	3	(swing adj joint) and cad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/24 15:24

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	239	(swing and joint).clm.	US-PGPUB	OR	OFF	2006/08/24 15:17
L7	20	(swing adj3 joint).clm.	US-PGPUB	OR	OFF	2006/08/24 15:19
L8	323	(pipe adj3 joint).clm.	US-PGPUB	OR	OFF	2006/08/24 15:19
L9	214	((pipe adj3 joint) and (\$connect or connect\$)).clm.	US-PGPUB	OR	OFF	2006/08/24 15:21

*Interference Search*  
*8/24/2006*  
*JEP*